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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/611,412

Filing Date :

First Named Inventor : T. IWAMATSU

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJI 20.477

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
SP		5,692,006		ROSS	11-25-1997	
SP		5,999,349		CHOI	12-07-1999	
SP		5,414,699		LEE	05-09-1995	

FOREIGN PATENT DOCUMENTS

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SP		11-510343	JP		09-07-1999	Corresponds to US Application 5,692,006
SP		10-199148	JP	DAEWOO ELECTRON CO LTD	07-31-1998	Corresponds to US Application 5,999,349
SP		9-503362	JP		03-31-1997	Corresponds to US Application 5,414,699

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
SP		Japanese Office Action dated April 25, 2005, with translation	X
SP		YOSHIHISA KISHIYAMA et al. "Experiments on Parallel-type Coherent Multi-stage Interference Canceller with Channel Estimation Using Pilot and Decision-feedback Data Symbols in W-CMDA Reverse Link" Technical Report of IEICE, Vol 100, No. 346, pp. 13-19, October 6, 2000.	

Examiner
Signature

/Sudhanshu Pathak/

Date
Considered

09/11/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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		5,987,015		MATUI	11-16-1999	

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SP		European Search Report dated December 6, 2004	
Examiner Signature	/Sudhanshu Pathak/		Date Considered 09/11/2006

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1449 TO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 10/611,412
INFORMATION DISCLOSURE		Filing Date : June 30, 2003
STATEMENT BY APPLICANT		First Named Inventor: T. IWAMATSU
Sheet 1 of 1		Group Art Unit : 2631
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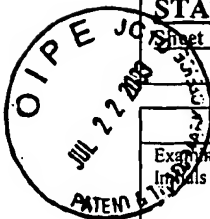
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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		2000-40981	JP	FUJITSU LTD	02/08/2000	
		7-30519	JP	NEC CORP	01/31/1995	

Other Prior Art-Non Patent Literature Documents

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SP		"EXPERIMENTS ON PARALLEL-TYPE COHERENT MULTI-STAGE INTERFERENCE CANCELLER WITH CHANNEL ESTIMATION USING PILOT AND DECISION -FEEDBACK DATA SYMBOLS IN W-CDMA REVERSE LINK" TECHNICAL REPORT OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATIONS ENGINEERS; RCS2000-130, pp. 13-19	
SP		"DECISION FEEDBACK MULTISTAGE RECEIVERS FOR ASYNCHRONOUS CDMA SYSTEMS", IEEE GLOBECOM; NOVEMBER 29-DECEMBER 2, 1993; pp. 1677-1682	

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